

Claim Amendments

1. (Currently amended) A method to facilitate conducting [[an]] Internet Protocol sessions between a wireless access gateway and a wireless node, the method comprising:

conducting, at the wireless access gateway, a first Internet Protocol session with the wireless node, the wireless node using at least one temporary Internet Protocol session parameter, wherein the at least one temporary Internet Protocol session parameter corresponding with the wireless node is stored in a wireless access gateway memory;

detecting, at the wireless access gateway, the conclusion of the first Internet Protocol session;

responsive to detecting the conclusion of the first Internet Protocol session, maintaining in the wireless access gateway for a pre-defined period of time the at least one temporary Internet Protocol session parameter, wherein the pre-defined period of time begins upon the conclusion of the first Internet protocol session, and wherein the at least one temporary Internet Protocol session parameter is maintained without returning it to a pool of available temporary Internet Protocol session parameters;

detecting, at wireless the access gateway, the wireless node initiating a second Internet Protocol session within the pre-defined period of time;

[[-]] retrieving from the wireless access gateway memory the at least one temporary Internet Protocol session parameter as corresponds to [[a]] the wireless node and as was recently previously assigned to the wireless node and not then yet subsequently returned to a pool of available temporary Internet Protocol session parameters;

~~[[-]] the wireless access gateway using that assigning the at least one temporary Internet~~
~~[[p]]Protocol session parameter to the wireless node to facilitate initiation of [[an]] the second~~
~~Internet [[p]]Protocol session with the wireless node.~~

2-3. (Cancelled)

4. (Currently amended) The method of claim 1 wherein retrieving from the wireless access gateway memory the at least one temporary Internet [[p]]Protocol session parameter as corresponds to [[a]] the wireless node comprises retrieving from the wireless access gateway memory at least one point-to-point protocol session parameter.

5. (Currently amended) The method of claim 1 wherein retrieving from the wireless access gateway memory the at least one temporary Internet [[p]]Protocol session parameter as corresponds to [[a]] the wireless node comprises retrieving from the wireless access gateway memory at least one domain name system session parameter.

6. (Currently amended) The method of claim 1 wherein retrieving from the wireless access gateway memory the at least one temporary Internet [[p]]Protocol session parameter as corresponds to [[a]] the wireless node comprises retrieving from the wireless access gateway memory at least one Internet [[p]]Protocol session compression parameter.

7. (Currently amended) The method of claim 4 wherein retrieving from the wireless access gateway memory at least one point-to-point protocol session parameter comprises

retrieving from the wireless access gateway memory at least one point-to-point protocol session parameter as corresponds to a recent point-to-point protocol session as was conducted with the wireless node.

8. (Currently amended) The method of claim 4 wherein retrieving from the wireless access gateway memory at least one point-to-point protocol session parameter comprises retrieving from the wireless access gateway memory a plurality of point-to-point protocol session parameters.

9. (Currently amended) The method of claim 4 wherein using ~~that~~ the at least one temporary Internet ~~[[p]]~~Protocol session parameter to facilitate initiation of an Internet protocol session with the wireless node comprises using the at least one point-to-point protocol session parameter to negotiate a new point-to-point protocol session with the wireless node.

10-11. (Cancelled)

12. (Currently amended) The method of claim 1 wherein the wireless access gateway is a packet data serving node. ~~retrieving from memory at least one temporary Internet protocol session parameter as corresponds to a node comprises retrieving from memory at a packet data serving node at least one temporary Internet protocol session parameter as corresponds to a node.~~

13. (Cancelled)

14. (Currently amended) The method of claim 1 wherein the wireless access gateway is a home agent, ~~retrieving from memory at least one temporary Internet protocol session parameter as corresponds to a node comprises retrieving from memory at a home agent at least one temporary Internet protocol session parameter as corresponds to a node.~~

15. (Currently amended) The method of claim 1 wherein the wireless access gateway is a gateway general packet radio service support node, ~~retrieving from memory at least one temporary Internet protocol session parameter as corresponds to a node comprises retrieving from memory at a gateway general packet radio service support node at least one temporary Internet protocol session parameter as corresponds to a node.~~

16. (Currently amended) A method to facilitate conducting ~~[[an]]~~ a first Internet ~~[[p]]~~Protocol session and a second Internet Protocol session comprising:

~~[[-]]~~ a server conducting ~~[[a]]~~ the first Internet protocol session with a node using at least one temporary Internet Protocol session parameter;

~~[[-]]~~ upon concluding the first Internet protocol session, the server storing information, in a server memory, that corresponds to the at least one temporary Internet ~~[[p]]~~Protocol session parameter as was assigned to the node for the first Internet Protocol session and then not returning the at least one temporary Internet Protocol session to a pool of available temporary, Internet Protocol ~~addresses~~ session parameters for a predetermined period of time, wherein the predetermined period of time begins upon concluding of the first Internet Protocol session;

~~[[-]]~~ when the node seeks to initiate a second Internet ~~[[p]]~~Protocol session within ~~[[a]]~~ the predetermined period of time ~~as corresponds to concluding the first Internet protocol session~~;

[[-]] the server retrieving from the server memory the at least one temporary Internet [[p]]Protocol session parameter;

[[-]] the server using ~~that~~ the at least one temporary Internet [[p]]Protocol session parameter to facilitate the second Internet [[p]]Protocol session.

17. (Cancelled)

18. (Currently amended) The method of claim 16 wherein storing information that corresponds to the at least one temporary Internet [[p]]Protocol session parameter comprises storing information that corresponds to point-to-point protocol session parameters as were negotiated by the node for the first Internet [[p]]Protocol session.

19. (Currently amended) The method of claim 16 wherein retrieving from the server memory at least one temporary Internet [[p]]Protocol session parameter ~~as corresponds to a node~~ comprises retrieving from memory at least one domain name system session parameter.

20. (Currently amended) The method of claim 16 wherein retrieving from the server memory at least one temporary Internet [[p]]Protocol session parameter ~~as corresponds to a node~~ comprises retrieving from memory at least one Internet [[p]]Protocol session compression parameter.

21. (Currently amended) The method of claim 16 wherein the predetermined period of time comprises a ~~substantially~~ fixed predetermined period of time.

22. (Currently amended) The method of claim 21 wherein the ~~substantially~~ fixed predetermined period of time is selected from within a range of candidate periods of time.

23. (Original) The method of claim 16 wherein the predetermined period of time comprises a dynamically determined period of time.

24. (Currently amended) The method of claim 23 and further comprising:
[[-]] determining the dynamically determined period of time as a function, at least in part, of a time when the first Internet [[p]] Protocol session concludes.

25. (Currently amended) The method of claim 24 wherein determining the dynamically determined period of time as [[a]] the function, at least in part, of [[a]] the time when the first Internet [[p]] Protocol session concludes comprises determining the dynamically determined period of time as a function, at least in part, of a time of day when the first Internet [[p]] Protocol session concludes.

26. (Currently amended) The method of claim 24 wherein determining the dynamically determined period of time as [[a]] the function, at least in part, of a time when the first Internet [[p]] Protocol session concludes comprises determining the dynamically determined period of time as a function, at least in part, of a day when the first Internet [[p]] Protocol session concludes.

27. (Currently amended) The method of claim 23 and further comprising:
[[-]] determining the dynamically determined period of time as a function, at least in part,
of a prioritization as pertains to the node.

28. (Currently amended) The method of claim 23 and further comprising:
[[-]] determining the dynamically determined period of time as a function, at least in part,
of available Internet [[p]] Protocol session resources.

29. (Currently amended) The method of claim 28 wherein determining the
dynamically determined period of time as [[a]] the function, at least in part, of available Internet
[[p]] Protocol session resources comprises determining the dynamically determined period of
time as a function, at least in part, of available temporary Internet protocol addresses.

30-41. (Cancelled)